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Req. #	Current Clearance Reqd.	Job Title/ Duration	Dept./ Recruiter	Description/Status	Pay Rate
	<input type="checkbox"/>	Material Scientist	Chemistry	<p><b>Nature and Scope of Job:</b> The Chemistry and Chemical Engineering Division (CChED) is seeking an outstanding individual to work in a challenging research and development environment. This entry level position provides support for advanced optical materials development effort of the Laser Materials and Optics Technology group (LMOT) in the National Ignition Facility (NIF). The individual will participate in a team environment to develop, test, specify and evaluate optical materials for use in high-energy, high-peak power laser systems. In general the job of the selected candidate will be to improve the optical materials or process by which it is prepared to increase product yield and/or product quality. As examples, this work may include: growth of large optical grade crystals of potassium dihydrogen phosphate, development and testing of optical glasses, advanced optical coating process and advanced optical finishing methods. The candidate will interact with personnel at all levels both internal and external to LLNL to solve common problems related to optical materials. The selected candidate will work under the supervision of a NIF senior scientific staff member. Administratively, the selected candidate will report to the Program Element Leader (PEL) for NIF materials in the Chemistry and Chemical Engineering Division (CChED).</p> <p><b>Essential Duties:</b></p> <ul style="list-style-type: none"> <li>• Work as a key team member in development, testing and analyzing advanced laser and optical materials</li> <li>• Set up experimental systems and/or processes to solve specific engineering or scientific problems associated with the preparation or use of optical materials (coatings, crystals, glasses and polymers)</li> <li>• Carry out experimental measurements on various optical materials or material processes, analyze the data and document results via formal and informal reports and presentations.</li> <li>• Interact with other project teams to solve common problems related to optical materials</li> <li>• Hands-on lab work to design, build or modify experimental systems as needed</li> <li>• Define and prepare operating procedures and maintain laboratory safety standards</li> </ul> <p><b>Essential Skills, Knowledge and Abilities:</b></p> <ul style="list-style-type: none"> <li>• BS in Physical Chemistry, Chemical Engineering or Materials Science or equivalent level demonstrated knowledge</li> <li>• Demonstrated knowledge of physical chemistry and materials science;</li> <li>• Familiarity with common optics spectroscopy and materials testing methods;</li> <li>• Several years hands-on experience in a chemistry or materials science laboratory;</li> <li>• Communication skills necessary to interact with personnel of all levels, document in reports and present findings.</li> <li>• Ability to work in a collaborative research and development environment.</li> </ul> <p><b>Higher Level Essential Skills, Knowledge and Abilities:</b></p> <ul style="list-style-type: none"> <li>• Ph.D. in Physical Chemistry, Chemical Engineering, Materials Science or equivalent level of demonstrated knowledge</li> <li>• Demonstrated knowledge of physical chemistry and materials science.</li> <li>• Familiarity with common optical spectroscopy and materials testing methods.</li> <li>• Significant hands-on experience in chemistry and materials science</li> <li>• Communication skills necessary to document in reports and present technical material.</li> </ul>	nego
			Esther Wonser	<b>Status:</b> Accepting Resumes	

Req. #	Current Clearance Req.	Job Title/ Duration	Dept./ Recruiter	Description/Status	Pay Rate
N04-074	<input type="checkbox"/>	Biophysicist	Biophysics Division	<p>***THIS POSITION IS LOCATED IN PLUM ISLAND, NEW YORK***</p> <p><b>NATURE AND SCOPE:</b>  Medical Physics and Biophysics Division has an immediate opening for a post-doctoral research associate in the Biological Signatures and Assays Development Group to support critical LLNL projects and programs related to biological counterterrorism. The successful applicant will join a highly integrated, multidisciplinary team responsible for the development, optimization, characterization and validation of advanced methods and advanced bioinstrumentation for the detection and identification of bacterial and viral pathogens. Emphasis will be placed on activities that compliment LLNL's core assay expertise, including the development of novel detection techniques and instrumentation for biodefense and biomedical applications, the development of new assays, and testing and piloting new assay/detection technologies. This position reports directly to the Assays Group Leader.</p> <p><b>ESSENTIAL DUTIES:</b>  Conduct biophysical research in Biosafety Level 2 laboratory settings.  Plan and conduct experiments to evaluate, characterize and optimize bioinstrumentation performance.  Travel to off-site laboratories, as required, to perform experiments in collaborative projects.  Present formal and informal overviews of research at internal meetings, national and international conferences.  Publish research in peer-reviewed journals.</p> <p><b>ESSENTIAL SKILLS:</b>  Recent Ph.D. in biophysics, chemistry, biochemistry, biomedical engineering or closely related field or discipline, or an equivalent level of knowledge.  Strong experimental background, with demonstrated expertise using chemical, biochemical and molecular biological laboratory techniques.  Demonstrated technical proficiency, scientific knowledge and independent thought throughout a research project.  Effective written and verbal communication skills with demonstrated ability to author technical and scientific reports and publications, deliver technical and scientific presentations, and interact effectively as a team member in diverse team environments.  Ability to develop and conduct independent research projects with minimal guidance, under tight constraints to meet specified goals.</p>	Pay negotiable
More than 2 years		Bela Cavaleiro	<b>Status:</b> Accepting Resumes		

Req. #	Current Clearance Req.	Job Title/ Duration	Dept./ Recruiter	Description/Status	Pay Rate
N04-079	<input checked="" type="checkbox"/>	Safety Analyst	SEP/Hazards Control	<p>PLEASE NOTE THIS POSITION IS LOCATED AT THE NEVADA TEST SITE.</p> <p><b>NATURE AND SCOPE:</b> The Hazards Control Department (HCD) has multiple openings for Safety Analysts. These positions will provide technical support in the area of safety analysis and assist the Laboratory to meet its commitment to perform hazards assessments and safety analyses of programs planned and conducted at LLNL and the Nevada Test Site. The successful candidates will work on an independent self-direct basis and interact with high-level staff members both internal and external to the Laboratory. These individuals will report to the Authorization Basis Section Leader. Positions will be located at the Livermore Site or the Nevada Test Site.</p> <p><b>ESSENTIAL DUTIES:</b></p> <ul style="list-style-type: none"> <li>- Provide safety analysis expertise and guidance to clients.</li> <li>- Provide expert advice and guidance to prepare Safety Analysis Reports (SARs) and Unreviewed Safety Question Determinations; identify hazards and determine hazard classifications; review/write draft SARs and other safety basis documents.</li> <li>- Conduct detailed reviews of operations and documents regarding safety analysis.</li> <li>- Provide risk assessment and regulatory compliance advice and support to programs.</li> <li>- Provide input and support to the production of required safety basis documents.</li> <li>- Review existing LLNL operational and technical safety requirements for compliance with DOE orders.</li> <li>- Review with a broad technical perspective the structures, systems, processes, materials and potential energy sources used in facilities and postulating credible accidents that could lead to release of hazardous agents.</li> <li>- Analyze data for complex engineering facilities for risk, safety, environmental, and reliability evaluation.</li> <li>- Apply computer studies to accident assessments, evaluate procedures, and provide consequence mitigation support and guidance for LLNL and NTS activities.</li> <li>- Implement and remain current on changing regulatory requirements and techniques for safety analysis.</li> <li>- Participate as a member of a multi-disciplinary team to perform and document safety analysis.</li> </ul> <p><b>ESSENTIALS SKILLS:</b></p> <ul style="list-style-type: none"> <li>- BS degree in a scientific or engineering discipline or equivalent level of demonstrated knowledge.</li> <li>- Demonstrated safety analysis experience.</li> <li>- Demonstrated experience in performing probability risk analysis, including accident scenario development, source term evaluation, failure rate database assessment, calculation of accident consequences, and evaluation of probability of occurrence using fault tree and event tree techniques.</li> <li>- Experience with national standards and regulations applicable to facility safety analysis.</li> <li>- Demonstrated experience in hazard classification and assessment of nuclear and non-nuclear facilities.</li> <li>- Experience in writing, editing and reviewing safety analysis reports.</li> <li>- Demonstrated skills in verbal and written communication.</li> <li>- Demonstrated organizational skills with attention to detail, accuracy, and follow-through.</li> <li>- Demonstrated analytical and decision making skills with the ability to organize and effectively coordinate multiple and frequently conflicting, concurrent tasks.</li> <li>- Ability to work independently as well as in a team environment.</li> </ul> <p><b>DESIRED SKILLS:</b></p> <ul style="list-style-type: none"> <li>- MS/PhD degree in a scientific or engineering discipline.</li> <li>- Knowledge and experience of NRC requirements in the area of safety analysis.</li> <li>- Demonstrated familiarity with DOE orders related to facility safety analysis.</li> <li>- Experience in qualitative and quantitative risk assessment.</li> <li>- Professional level certification (CSP, PE, CIH, CHP).</li> </ul>	Pay negotiable
		6 months-2 years	Bela Cavaleiro	<b>Status:</b> Accepting Resumes	
R00-155A	<input type="checkbox"/>	Systems Administrator		The systems and Network Department (SND) has an opening for a Systems Administrator to provide system support for NT/PC systems and related peripherals in the SND Computer Support Units (SCUs). Will interact with other team members and customers at varying levels of computer literacy throughout the directorate.	open
		6 months to 2 years	Gina Cadena	<b>Status:</b> Accepting Resumes	

Req. #	Current Clearance Req.	Job Title/ Duration	Dept./ Recruiter	Description/Status	Pay Rate
R01-246B	<input type="checkbox"/>	Quality Assurance Engineer	EPD/HWM	<p>Nature &amp; Scope of Position:</p> <p>The Hazardous Waste Management Division of the Environmental Protection Department has an immediate opening for a Quality Assurance Engineer to be involved with the Waste Generator Services Group. (WGS). The successful candidate will establish and maintain auditable document control system for the Standard Operating Procedures (SOPs) and similar documents. Document control must meet requirements established in DOE Rules and Orders, RCRA regulations, and Quality Assurance policy. Prepare and revise SOPs used in the conduct of operations in hazardous waste management and the Waste Certification Program (WCP). Understand, interpret, and describe complex technical and engineering processes, mechanical systems, and safety processes in clear and concise language.</p> <p>Essential Duties:</p> <p>Interpret and apply pertinent Environment Safety &amp; Health and regulatory requirements.</p> <p>Develop and produce administrative and technical Standard Operating Procedures, and Employee Instructions.</p> <p>Interact with group leaders, project leaders, S&amp;H disciplines, and technicians in collecting data and information.</p> <p>Collect and resolve procedure review comments.</p> <p>Assume technical responsibilities in the document control function, including safety related documents and control of forms.</p> <p>Oversee and maintain configuration and change control for HWM and WCP standard Operating Procedures and similar documents.</p> <p>Maintain and assure that the computer-based document systems are current and accurate.</p> <p>Maintain and auditable paper-based document control system.</p> <p>Maintain control of safety-related reviews performed by WGS personnel.</p> <p>Perform technical reviews of procedures in a team atmosphere.</p> <p>Build consensus among personnel as part of the procedure development process.</p> <p>Requirements:</p> <p>Bachelors degree in Science or Engineering or an equivalent combination of education and related experience.</p> <p>Demonstrated technical writing and oral communication skills.</p> <p>Demonstrated relevant experience in document control and records management. Proficient use of Macintosh computer and associated software such as; MS Word and Excel, Canvas, Filemaker Pro, and graphics applications.</p>	open
		6 months to 2 years	Gina Cadena	<b>Status:</b> Accepting Resumes	

Req. #	Current Clearance Req.	Job Title/ Duration	Dept./ Recruiter	Description/Status	Pay Rate
R02-011A	<input type="checkbox"/>	Technical Editor/ Writer III/IV	TID	<p>The Technical Information Department has a Technical Editor/Writer III position available (Technical Communications Level II in the new system). The selected candidate will be matrixed to the Center for Applied Scientific Computing (CASC). It is primarily a UNIX-based organization, favoring PCs over Macs. Working independently, under the limited direction of a group leader, within a framework of standard policies and procedures, will be responsible for completing a variety of editing, writing, and information management projects, and will be expected to solve problems of varied scope and complexity associated with specific editorial projects.</p> <p>Essential Duties</p> <ul style="list-style-type: none"> <li>- Edit, write, and reorganize technical and nontechnical manuscripts, presentations, and Web-based content.</li> <li>- Provide comprehensive editing services for large and/or complex materials involving multiple media, including checking for grammar, readability, tables, graphics and equations; review compliance with copyright and information release requirements.</li> <li>- Coordinate complex production jobs, often with a team of editors, designers, photographers, compositors, etc.</li> <li>- Develop and implement plans and schedules for moderately complex projects; make commitments on cost, schedule, and quality for communication products (e.g., annual reports, presentations to technical review councils, Web sites, journal articles, and conference papers/proceedings).</li> <li>- Work with authors, project groups, divisions, or departments to coordinate projects, including assessing incremental input and multiple manuscript iterations and developing communication styles for complex technical and possibly sensitive material.</li> <li>- Assist CASC authors with all stages of the Laboratory IM procedure for technical and scientific documents and materials.</li> </ul> <p>Marginal Duties:</p> <ul style="list-style-type: none"> <li>- Work collaboratively with CASC Webmaster to maintain division and personnel web pages, publications database, and image database.</li> <li>- May provide technical guidance to less experienced peers.</li> </ul> <p>Essential Skills, Knowledge, and Abilities:</p> <ul style="list-style-type: none"> <li>- BA/BS in English, communications, journalism, engineering or scientific area, or the equivalent combination of education and experience in the area of technical communication; may have a certificate in technical communication.</li> <li>- Experience as a technical editor/writer.</li> <li>- Knowledge of effective editing/writing techniques for a variety of media including comprehensive knowledge of technical language, use and style conventions.</li> <li>- Advanced knowledge of style conventions, professional principles, and technical communication practices and standards.</li> <li>- Experience with UNIX based platforms, MS Word, and Powerpoint.</li> </ul>	negotiable
		More than two years	Gina Cadena	<b>Status:</b> Interviewing; Accepting Resumes	

Req. #	Current Clearance Reqd.	Job Title/ Duration	Dept./ Recruiter	Description/Status	Pay Rate
R04-107	<input type="checkbox"/>	Systems Commissioning Engr.	NIF	<p><b>NATURE AND SCOPE OF JOB</b>  The Laser Engineering Division and the Laser Science Engineering Division of the Engineering Directorate have positions for Systems Commissioning Engineers to support the Systems Engineering Group within the National Ignition Facility (NIF) Project. The NIF facility is a 192-beam-laser facility designed to focus 2 MJ of UV radiation on a target enabling the study of high energy density physics and inertial confinement fusion. The facility is a cornerstone of the US Stockpile Stewardship program, with its first experimental capability being demonstrated in early 2004. Bundle installation and systems commissioning will be completed in 2008. The successful candidate will support the commissioning manager in developing and coordinating the commissioning and system performance testing activities while the facility transitions into full operation. Will work closely with Program scientists and engineers through all phases of the system development process. Will report to the Engineering Group Leader and will collaborate with Program management.</p> <p><b>ESSENTIAL DUTIES</b>  - Responsible for the development of a requirements-based test and verification plan for the System Integration Group.  - Develop, with the NIF Commissioning Manager, the overall commissioning plan and the Commissioning Test Procedures (CTPs) for the remaining beamline hardware.  - Develop a disciplined verification plan and acceptance test procedures for the Integrated Product Teams.  - Review requirements for test equipment and ensure equipment calibration and acceptance.  - Collaborate with Commissioning Manager in developing integrated performance test procedures.  - Collaborate with the Area Integration Management team to coordinate commissioning and test activities with installation and experimental operations.  - Responsible for the development and implementation of a commissioning QA/QC plan in collaboration with the Project Assurances Team.  - Participate in the planning and execution of NIF Management Prestart Reviews (MPR's).  - Participate in or lead formal and informal design reviews.  - Assure all assignments are performed in accordance with ES&amp;H requirements and policies and promote the diversity/affirmative action goals of the Laboratory.</p> <p><b>ESSENTIAL SKILLS, KNOWLEDGE, AND ABILITIES</b>  - BS in Electrical Engineering, Mechanical Engineering, or related field or equivalent level of demonstrated knowledge.  - Substantial engineering expertise in large systems, test engineering, and commissioning, from planning through the execution phase.  - Experience in the application of systems engineering principles on large projects.  - Experience with developing requirements-based test and verification plans.  - Demonstrated leadership and interpersonal skills.  - Proven experience working in a complex multidisciplinary team environment and effectively interacting with personnel at all levels, organizationally and programmatically.  - Exceptional oral and written communication and presentation skills.  - Experience with and understanding of formal and informal design reviews.</p> <p><b>DESIRED SKILLS, KNOWLEDGE, AND ABILITIES</b>  - Knowledge of laser physics, engineering, and expertise in testing and commissioning of large laser systems or equivalent high technology systems</p> <p><b>Status:</b> Accepting Resumes</p>	Pay negotiable
		6 months- 2 years	Esther Wonser		

Req. #	Current Clearance Reqd.	Job Title/ Duration	Dept./ Recruiter	Description/Status	Pay Rate
R04-124B	<input type="checkbox"/>	*Business/IT Technical Lead Project Manager	AHRD IT & PMO	<p><b>NATURE AND SCOPE</b> Under limited direction, reporting to the Project Management Office (PMO) Lead, each position will provide project management services in support of the Administration &amp; Human Resources Directorate (AHRD) Mission. Initiates, plans, executes, controls and closes software and business process related projects to accomplish organizational goals and objectives. Accountable for on-time, on-budget, on-quality delivery of business process reengineering, data definition and system objectives. Typical assignments include the design and implementation of improved institutional business processes, often involving applications in technical environments, such as PeopleSoft, Oracle, Windows NT, UNIX, PL/SQL, JavaScript, and HTML; or application of information technologies, such as Web development tools and workflow products.</p> <p><b>ESSENTIAL DUTIES</b>            *Leads large scale projects to support the current and evolving business process needs of the Laboratory; liaison with internal and external customers, functional and technical management, team members, vendors and other stakeholders.            *Works with the PMO Lead to coordinate project portfolio management input for projects. Prepares and presents periodic accurate, timely project status reporting to directorate and institutional management. Ensures preparation of appropriate project documentation, including user requirements, design specifications, test plans, project management plans (e.g. risk, quality assurance and scope management), and system flowchart diagrams.            *Manages the planning and estimating of resources, schedule requirements and business case analysis for large projects; identifies budget and workforce needs and prepares necessary funding requests.            *Ensures clarity around project objectives and deliverables for project stakeholders and project team members. Sets, manages, and holds team accountable to clear and reasonable expectations and challenges. The project team comprises functional and technical representation from a diverse LLNL user community including senior LLNL management.            *Manages the business analysis process, contributing to analysis of present state of business processes and workflow and developing alternative future state approaches. Facilitates the enhancement of new business solutions. Establishes business requirements, performs gap analysis and diagrams workflows. Performs complex research, design and specifications development for major processes and systems.            *Ensures reengineered business processes and information systems are in compliance with applicable regulations, policies and procedures, sound financial management and business practices, and achievement of performance objectives.            *Represents AHRD in areas of expertise, both internally and externally, to gather, clarify, and provide information, guidance, and service and/or to coordinate project-related activities.            *Uses established project management practices/processes to achieve project goals and provides input to new practices. Works within AHRD PMO methodology guidelines.            *May develop and conduct training of users on project outputs.</p> <p><b>ESSENTIAL SKILLS, KNOWLEDGE AND (SKAs)</b>            *Bachelor's Degree in business, information technology or related field plus 4 years project management experience, or Master's degree and 4 years project management experience, or equivalent combination of education and related experience.            *Demonstrable knowledge and understanding of project management concepts, practices, standards, processes and systems. Functional knowledge of human capital management/human resource business processes/practices.            *Experience leading large scale projects using project management techniques and incorporating other disciplines, including anticipating, defining, identifying alternatives, and resolving project specific issues that are multifaceted and diverse.            *Experience successfully building relationships and effectively leading other professionals across multi-disciplinary teams. Experience leveraging relationships to build effective teams and to accomplish shared goals. Understands relationships including formal and informal structures.            *Demonstrated strong ability to communicate strategic large scale project scope, objectives, benefits, risks, status, issues, etc. to senior management with the intent of obtaining institutional sponsorship. Ability to negotiate, motivate, persuade and delegate to achieve project objectives.            *Technical knowledge in the HCM/HR domain. Computer expertise. Demonstrated advanced analytical, decision-making and problem solving skills. Ability to develop and execute formal training programs.</p> <p><b>Advanced</b>            *Experience with technical writing and documentation of detailed requirements and system design specifications.            *Experience with relational database modeling and workflow process analysis (e.g., Oracle relational).            *Experience developing, analyzing, and executing complex system improvements and requirements.            *Effective organization and prioritization skills necessary to handle multiple requests and assignments concurrently under deadlines.            *Customer service skills to work effectively in a customer-oriented environment.</p>	Nego.

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		6 months to 2 years	Esther Wonser	<p>*Experience communicating technical information to users and performing work requiring accuracy and attention to detail.            *Experience using computers and software applications (e.g., MS Project, Visio, MS Word, MS Excel, PowerPoint, Business Objects or similar tool, MeetingMaker, Eudora)</p> <p>DESIRED SKILLS, KNOWLEDGE, AND ABILITIES</p> <p>*Certification in Project Management</p> <p>*Highly desired: experience reengineering HCM/HR business processes</p> <p>*Highly desired: experience implementing EDD, ODS and DSS</p> <p>*Familiarity with formal software engineering methods and prototyping techniques</p> <p>*Experience performing usability, consistency, and supportability reviews</p> <p>*Experience with GUI/user-interface design practices</p> <p>*Knowledge of workflow engineering and business process reengineering methods</p> <p>*Knowledge of Human Resource Information systems (e.g., PeopleSoft)</p> <p>*Experience with Oracle *CASE Method and tools</p> <p><b>Status:</b> On Hold; Accepting Resumes</p>	
R04-133	<input checked="" type="checkbox"/>	Mechanical Engr.	NIF	<p>Mechanical Engineering has openings for engineers with a combination of education and experience capable of supporting a wide variety of design, and construction projects. These individuals will work under the direction of senior engineers or lead project teams consisting of engineers, designers, technicians, and coordinators.</p> <p>ESSENTIAL DUTIES</p> <ul style="list-style-type: none"> <li>-Develop conceptual and detail designs of hardware for laser applications.</li> <li>-Evaluate alternative designs from engineering and economic considerations and present the results to design reviews.</li> <li>-Provide detail cost and schedule estimates and use basic work breakdown concepts for project planning and implementation.</li> <li>-Develop detailed fabrication specifications and interface with vendors.</li> <li>- Resolve manufacturing issues as they arise.</li> <li>- Work with field installation team to activate and commission laser system and support hardware.</li> </ul> <p>ESSENTIAL SKILLS, KNOWLEDGE, AND ABILITIES</p> <ul style="list-style-type: none"> <li>-BS in Mechanical Engineering with an emphasis on design or equivalent level of demonstrated knowledge and experience.</li> <li>-Demonstrated ability to identify, define, and solve multidisciplinary problems in a timely and cost effective manner.</li> <li>-Experience working as a member of a project team with engineers and scientists.</li> <li>-Proven ability to present concepts and ideas in a clear and coherent manner both orally and in writing for presentation and interaction with other technical staff members.</li> </ul> <p>DESIRED SKILLS, KNOWLEDGE AND ABILITIES</p> <ul style="list-style-type: none"> <li>-BS/MS/PhD in Mechanical Engineering or related field.</li> <li>-Demonstrated analytical skills in systems analysis and experience on experimental systems.</li> <li>- Experience working with precision opto-mechanical systems</li> <li>- Experience integrating sophisticated hardware systems into large, complex facilities</li> <li>-Familiarity with high voltage, vacuum, and/or utility systems</li> </ul> <p><b>Status:</b> Interviewing; Accepting Resumes</p>	nego.
R04-143	<input checked="" type="checkbox"/>	Electro-Optics Engineer	EE	<p>The Laser Engineer Division (LED) is seeking an engineer to become the Responsible Individual (RI) for a suite of laser diagnostics in support of the National Ignition Facility (NIF). The specific diagnostics are the Injected Energy Diagnostic (IED), Portable BackReflection Sensor (PBRs), MidChain Sensor (MCS), and Front End Diagnostics (FED). Responsibilities include completing the design, fabrication, commissioning, and deploying the diagnostics on NIF. The successful candidate will be expected to collaborate with Operations and develop all the necessary test plans and procedures to deploy the diagnostics on NIF. Will report to the manager of the NIF Laser Diagnostics in Small Optics Systems (SOS).</p> <p><b>Status:</b> Accepting Resumes</p>	nego
		more than 2 yrs	Esther Wonser		



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R04-145	<input type="checkbox"/>	Project Manager	NIF/NSO	<p>NATURE AND SCOPE OF POSITION: Beampath Utility System (BUS) has an opening on the National Ignition Facility (NIF) Project for a BUS Deputy Project Manager. Qualified candidates for this position will be expected to plan, organize and manage the day to day operations of the production, engineering and construction elements of the BUS. The Deputy will participate in the design process, planning/budgeting process, contractor selection process, review contract documents, obtain all required approvals and oversee the pro budget and schedule during design and construction. Candidate must possess strong analytical, planning, organization, interpersonal and leadership skills. Must demonstrate strong oral and written communication skills. Proficient in the use of PC and other applicable software programs. This position will be responsible for the implementation of a \$100M multiyear capital construction program. Interactions are with engineering, programmatic personnel and management at LLNL, subcontract organizations, and business partners. This position will report to the BUS Manager and will be a part of the NIF Site Operations group.</p> <p>ESSENTIAL DUTIES:</p> <p>Ensure that the work in the BUS organization is properly planned, budgeted, managed and executed safely</p> <ul style="list-style-type: none"> <li>- Review, analyze, and critique technical, cost, and schedule aspects of proposed changes to BUS designs as a participant of system design reviews.</li> <li>- Work daily issues associated with the design, procurement and construction of the BUS providing timely direction to staff and contractors in order to ensure project objectives are met.</li> <li>- Coordinate resolution of issues affecting system integration, installation interferences, and discrepancy reports related to utilities and beampath</li> <li>- Maintain a close interface with the LRU, CIS and Systems Engineering organizations to ensure effective teamwork and end-user communication.</li> <li>- Ensure technical requirements for cleanliness, vibration, thermal stability, grounding/shielding, neutronics are maintained by the BUS organization</li> <li>- Ensure configuration management of the BUS is maintained on a time scale appropriate to the Project</li> <li>- Ensure required set of monthly reports are produced and submitted according to the Project's time line</li> </ul> <p>ESSENTIAL SKILLS, KNOWLEDGE, AND ABILITIES:</p> <ul style="list-style-type: none"> <li>- BS/MS in Engineering or equivalent experience.</li> <li>- 15 years of experience in project management and/ or project engineering on complex technical projects.</li> <li>- Experience in management of the engineering, procurement, construction/ installation and commissioning of large, complex, high technology systems – particularly with stringent cleanliness, alignment, vibration and grounding/shielding requirements</li> <li>- Basic understanding of Systems Engineering practices, requirements and interface control, and system commissioning and turn-over</li> <li>- Familiarization with CAD systems and large model management.</li> <li>- Experience working in a team environment, which includes scientists, engineers, craft, technicians, and designers.</li> <li>- Effective presentation and oral/written communication skills.</li> <li>- Proficiency with standard computer software (Word, Excel, PowerPoint, Visio), as well as larger cost/schedule, project management and data management systems.</li> </ul> <p>DESIRED SKILLS, KNOWLEDGE, AND ABILITIES:</p> <ul style="list-style-type: none"> <li>- MS in Engineering or Science or equivalent combination of education and experience</li> <li>- Experience with laser systems and their technical requirement</li> </ul> <p><b>Status:</b> Accepting Resumes</p>	open
		more than 2 years	Esther Wonser		

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R04-180	<input type="checkbox"/>	Government Affairs Rep	NAI/P Division	<p>Nature and Scope;</p> <p>An opening exists for a government affairs representative to work on a special project to evaluate the role of science and technology (S&amp;T) in the U.S. foreign policy and how it can be made more effective as part of the development initiatives in regions such as the Former Soviet Union, the Greater Middle East, North Africa and Asia. The assignment is to determine recommendations for a national strategy to make S&amp;T more effective in promoting regional security and eliminating the source of conflict, and to assist in the implementation of duce initiatives as may be possible.</p> <p>Essential Duties;</p> <ul style="list-style-type: none"> <li>• Assess role of S&amp;T in U.S. foreign policy</li> <li>• Assess current methods of U.S. agency programs</li> <li>• Develop recommendations for effective S&amp;T strategy to promote regional security and eliminate sources of conflict</li> <li>• Write final document proposing national strategy for S&amp;T.</li> <li>• Extensive travel to Washington, DC.</li> </ul> <p>Essential Skills, Knowledge , and Abilities;</p> <ul style="list-style-type: none"> <li>• MS degree in physical or political sciences or equivalent experience.</li> <li>• Expertise in international S&amp;T policy and program development</li> <li>• Experience addressing international security, stability, and development issues important to U.S. interests abroad</li> <li>• Experience working with universities, government agencies, and international collaborations to formulate and evaluate S&amp;T strategy.</li> </ul> <p><b>Status:</b> Pending Offer; Not Accepting Resumes</p>	open
		6 months -2 years	Esther Wonser		

Req. #	Current Clearance Reqd.	Job Title/ Duration	Dept./ Recruiter	Description/Status	Pay Rate
N04-034	<input checked="" type="checkbox"/>	Sr. Staff Scientist	NAI/DHS/ERD	<p>Openings for 6 managers to participate in program development, project management, experimental design and daily oversight of technical staff and their work in support of national security projects. These projects will involve a spectrum of activities, from basic scientific research to Applied Chem/Bio Defense Sciences. In support of programmatic missions in chemical and biological national security, this work will be predominated by, but not limited to, work for the Department of Homeland Security. Additional responsibilities for this position will be to successfully craft grant proposals and to prepare and present sponsor briefings. Staff in this position will interact with other program management personnel, other senior managers in oversight of complimentary areas, and staff from multiple disciplines, both internal and external to the LLNL, needed to carry out the projects under their purview. These positions will report directly to the designated associate program leader (APL), with input from program management. National security research managers can anticipate overseeing a wide variety of challenging and exciting projects that will impact national readiness to biological and chemical defense.</p> <p>Essential Duties</p> <ul style="list-style-type: none"> <li>*Supervision of laboratory and process staff toward program goals.</li> <li>*Responsibility for and maintenance of the integrity of a classified work environment.</li> <li>*Fiscal responsibility of projects.</li> <li>*Organize and facilitate group meetings to guide project path and communication.</li> <li>*Provide regular updates to APL on progress.</li> <li>*Design, perform, and analyze experiments to test and develop protocols and procedures.</li> <li>*Develop, streamline, and oversee implementation of new protocols to be used in defined settings.</li> <li>*Analyze processes from various sources.</li> <li>*Oversee troubleshooting of initial results and assess the design for additional experiments.</li> <li>*Write and coordinate writing of grant proposals, sponsor briefings and reports as well as publications.</li> <li>*Present work at meetings inside and outside of LLNL .</li> <li>*Collaborate with other research groups at LLNL.</li> <li>*Ability to travel for off-site for national security related activities.</li> <li>*Experience multi-tasking with a team on multiple time constrained projects in a production environment.</li> </ul> <p>Essential Skills, Knowledge, and Abilities</p> <ul style="list-style-type: none"> <li>*PhD or equivalent degree in technical or scientific field.</li> <li>*Experience in personnel and project management.</li> <li>*Applicant must be familiar with the principles of experimental design and execution and able to interpret and analyze data from chemical and/or biological experiments.</li> <li>*Familiarity with laboratory instruments and principles of instrument testing and process validation.</li> <li>*Interpersonal, communication, and presentation skills to effectively work in a team environment with a diverse technical staff.</li> <li>*Adaptability and flexibility with shifting high priority job assignments.</li> </ul>	nego
		6mos-2yrs	Esther Wonser	<b>Status:</b> On Hold; Accepting Resumes	

Req. #	Current Clearance Reqd.	Job Title/ Duration	Dept./ Recruiter	Description/Status	Pay Rate
N04-038	<input type="checkbox"/>	Researcher I/II		<p>Openings for 20 scientists to design, perform and analyze experiments in support of national security projects. These projects will involve a spectrum of activities, from basic scientific research to Applied Chem/Bio Defense Sciences. In support of programmatic missions in chemical and biological national security, this work will be predominated by, but not limited to, work for the Department of Homeland Security. Staff will interact with research managers in oversight of each area and computations staff as required. Applicants will be required to interact with multiple disciplines, both internal and external to the LLNL due to the highly collaborative nature of our projects. Positions report to the area specialty group leader—instrumentation, chemistry, biology, or systems. National security research specialists can anticipate working on a wide variety of challenging and exciting projects.</p> <p><b>Essential Duties</b></p> <ul style="list-style-type: none"> <li>*Design, perform, and analyze experiments to test and develop protocols and procedures in classified and unclassified environments.</li> <li>*Maintain complete records of experiments at classified and unclassified levels.</li> <li>*Develop, streamline, and implement new protocols to be used in defined settings.</li> <li>*Analyze processes from various sources.</li> <li>*Troubleshoot initial results and perform additional experiments.</li> </ul> <p><b>Marginal Duties</b></p> <ul style="list-style-type: none"> <li>*May present work at meetings inside and outside of LLNL at classified and unclassified levels.</li> <li>*Collaborate with other research groups at LLNL.</li> <li>*Ability to travel for off-site activities in support of national security work and deployments.</li> </ul> <p><b>Essential Skills, Knowledge, and Abilities</b></p> <ul style="list-style-type: none"> <li>*BS/MS or equivalent level of knowledge and experience in technical or scientific field.</li> <li>*Laboratory experience in molecular and/or analytical processes</li> <li>*Knowledge of laboratory instruments and how to perform instrument testing and validation.</li> <li>*Experience troubleshooting experimental problems.</li> <li>*Interpersonal, communication, and presentation skills to effectively work in a team environment with a diverse technical staff.</li> <li>*Experience multi-tasking with a team on multiple time constrained projects in a production environment.</li> <li>*Knowledge of and comfort with the use of computer databases and Web based tools.</li> <li>*Adaptability and flexibility with shifting high priority job assignments.</li> </ul> <p><b>Desired Skills, Knowledge, and Abilities</b></p> <ul style="list-style-type: none"> <li>*Experience transferring developed technology to other organizations.</li> <li>*Knowledge of successful project management practices.</li> <li>*Experience in public health laboratory practices or operational deployments</li> </ul> <p><b>Status:</b> On Hold; Accepting Resumes</p>	nego.
		6mos - 2 years	Esther Wonser		
R04-108	<input type="checkbox"/>	Controls Systems Engineer	Engineering	<p>The Laser Engineering division of the Electronics Department has several openings for Control Systems Engineers to support program activities related to the design, analysis, development, testing and fielding of control and instrumentation systems within the national Ignition Facility (NIF) Project. These systems may occasionally be located in a laboratory environment but will more often require field deployment. Areas of specification include a combination of some or all of the following: systems engineering; embedded controls; process controls (including closed loop applications); high speed diagnostics; sensors and instrumentation; documentation (including requirements specifications, test procedure; users guide and design documentation); and safety systems. Will work closely with Program scientist and engineers through all phases of the systems development process. Will report to the Engineering Group leader and will collaborate with program management.</p> <p><b>Status:</b> On Hold; Accepting Resumes</p>	nego
			Esther Wonser		